

Universal

SBC RU 254

4

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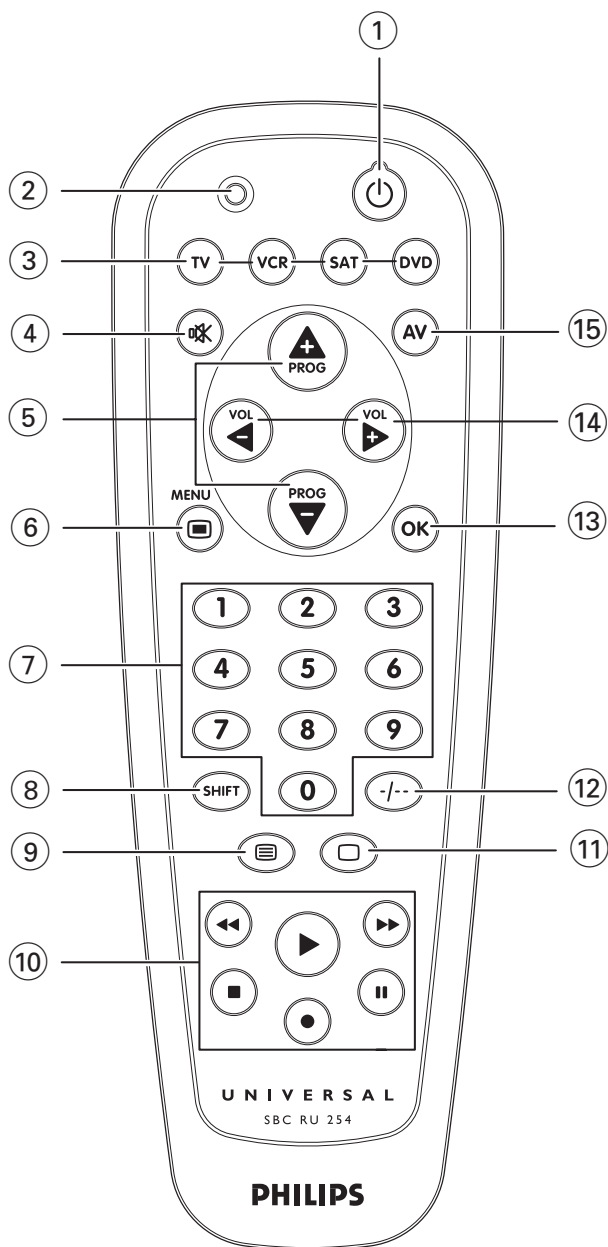
Suomi 48

Instrukcja użytkowania

Polski 52



PHILIPS



Instructions for use

English

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1. Introduction

Congratulations on your purchase of the Philips SBC R254 universal remote control. After installing the remote control you can operate a maximum of 4 different appliances with it:

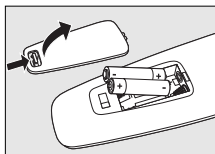
TV, DVD, video recorder and satellite or cable decoders.

You can find information about how to prepare this remote control for use in the chapter 'Installing the remote control'.

2. Installing the remote control

Inserting the batteries

- 1 Press the cover inwards and slide it in the direction of the arrow.
- 2 Place two R03, UM4 or AAA type batteries into the battery compartment, as shown.
- 3 Slide the cover back and click it firmly into place.



Testing the remote control

The remote control has been programmed to operate most Philips appliances. Because the RU254 may use different signals for each make and even for different models of the same make, it is advisable to test whether your appliance responds to the RU254.

The example below (TV) instructs you how to do this. You can repeat the same steps for other appliances (DVD, video recorder, etc.) which you want to operate using the RU254.

Example of TV:

- 1 Turn your TV on manually or use the original remote control. Tune to channel 1.
- 2 Press the RU254's TV key to select TV.



- 3 Check whether all the keys are working. For an overview of the keys and their functions see '3. Keys and functions'.
 - If the TV responds as it should to all of the key commands the RU254 is ready for use.
- **If the device does not respond at all or not to all of the key commands, follow the instructions under 'Setting the remote control'.**

Instructions for use

English

Setting the remote control

This is only necessary if your appliance does not respond to the RU254. If that is the case, the RU254 does not recognize the brand and/or model of your appliance and you need to program the remote control to do so.

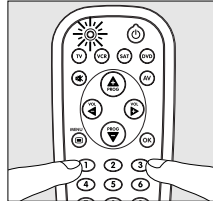
The example below (TV) instructs you how to do this. You can repeat the same steps for other appliances (DVD, video recorder, etc.) which you want to operate using the RU254.

Example of TV:

- 1** Turn on the TV manually or use the original remote control.
Tune in to channel 1.
- 2** Look up the brand of your TV in the code list at the back of this manual. One or more four-figure codes are shown for each brand.
Note the first code.
Be careful! There are separate tables for TV, video, DVD, etc.
Make sure you use the codes from the correct table.
- 3** Press the RU254's TV key to select TV.
(See 'Testing the remote control'.)



- 4** Keep keys '1' and '3' pressed simultaneously for three seconds until the green indicator light remains lit.



- 5** Then enter the code noted in step 2 using the digital keys.
– The green indicator light will now flash twice. If the light flashes once for an extended period, the code has not been entered properly or the wrong code has been entered.



Start again from step 2.

- 6** Point the RU254 at the TV and check that it responds as it should.
– If the TV responds to all of the key commands, the RU254 is ready for use. Do not forget to note your code.

- **If the device does not respond at all, or not to all of the key commands, start again from step 2 and try the next code from the list.**

Instructions for use

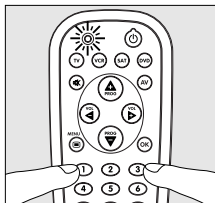
English

Automatically setting the remote control

If you cannot find the right code for your brand device, the remote control can automatically search for the right code.

Example of TV:

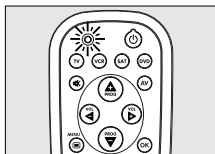
- 1 Make sure the TV is switched on and select a channel using the original remote control or the keys on the TV (for example channel 1).
The RU254 emits the 'switch off TV' signal for all models of TV that are stored in the memory.
- If the device is a DVD-player or video recorder, insert a disk or tape and start playback.
- 2 Then keep keys 1 and 3 on the RU254 pressed simultaneously for three seconds, until the green indicator light remains lit.



- 3 Press the Standby key of the RU254 briefly.



- The RU254 now starts emitting all known 'TV off' signals, one by one. Each time a code is sent, the green indicator light flashes.



- 4 When your TV switches off (stand-by), you press the Standby key of the RU254 twice within 1 second, to confirm.
- The RU254 has now found a code that works on your TV.



- 5 Check if you can operate all functions on your TV with the RU254.

- **If this is not the case, you can redo the automatic setting. The RU254 will then search for a code that perhaps works better.**

- After the RU254 has run through all the known codes, the search will stop automatically and the green light will stop flashing.
- Automatic programming takes a maximum of 8 minutes for TV, 4 minutes for VCR, 5 minutes for SAT and 4 minutes for DVD.

Instructions for use

English

3. Keys and functions

The illustration on page 3 gives an overview of all keys and their functions.

- ① **Standby** switches TV, VCR, SAT or DVD mode on or off.
- ② **Indicator light** lights up green when an IR signal is being sent.
 - flashes green when a code is being entered and when automatically setting the remote control.
- ③ **TV/VCR/SAT/DVD** select the device you want to operate: TV, VCR, SAT (satellite/cable) or DVD.
- ④ **Mute** mutes the sound of the TV.
- ⑤ **- PROG +** selects a previous or following channel.
- ⑥ **Menu** turns the menu on and off.
- ⑦ **Digital keys** direct choice of channels and other functions.
- ⑧ **SHIFT** for extra functions. When pressed at the same time as a second key, the second key will get another function. For example:



SHIFT + PROG+: . . 'menu up'

SHIFT + PROG-: . . 'menu down'

SHIFT + VOL+: . . . 'menu right'

SHIFT + VOL-: . . . 'menu left'

Try out other combinations with the Shift-key on your appliance in order to find out which functions are available. Only functions featured on the original remote control are available.

- ⑨  switches teletext on.
- ⑩ **◀** red teletext key
 - rewind (VCR/DVD)
- green teletext key
 - stop (VCR/DVD)
- record (VCR/DVD)
- ⏸** yellow teletext key
 - pause (VCR/DVD)
- ▶▶** blue teletext key
 - wind (VCR/DVD)
- ▶** white teletext key
 - play (VCR/DVD)
- ⑪  switches teletext off.
- ⑫ **- / -** selects between one- and two-figure channel numbers.
- ⑬ **OK** confirms your selection.
- ⑭ **- VOL +** adjusts the TV volume.
- ⑮ **AV** switches between external inputs of your equipment.

Note! The VOL – /VOL + and **Mute** keys give direct access to the TV volume even if you are operating your VCR, DVD or SAT equipment.

If the device does not respond at all, or not to all of the key commands, follow the instructions under 'Setting the remote control'. It is possible that you must enter another code for the device.

SETUP CODES FOR TV

A.R. Systems	0583, 0379	Blue Star	0309
AOC	0057	Bondstec	0274
ASA	0114, 0131	Boots	0244
AWA	0036	Brandt	0136, 0223, 0264, 0314, 0360, 0362, 0426
Acura	0036	Brinkmann	0064, 0445
Admiral	0190, 0120, 0114	Brionvega	0114, 0389
Adyson	0243, 0244	Britannia	0243, 0244
Agef	0114	Bruns	0114
Aiko	0244	Bush	0064, 0036, 0245, 0244, 0063, 0235, 0309, 0321, 0376, 0388, 0398, 0401, 0514, 0579
Akai	0064, 0583, 0190, 0036, 0245, 0235, 0057, 0062, 0099, 0218, 0378, 0388, 0398, 0507, 0575, 0579	CCE	0064, 0244
Akib	0321	CGE	0397, 0103, 0111, 0274, 0279, 0445, 0579
Akiba	0064, 0245, 0309, 0321, 0482	CS Electronics	0245, 0243, 0274
Akura	0064, 0036, 0245, 0309, 0386	CTC	0274
Alaron	0243	Candle	0057
Alba	0064, 0190, 0036, 0245, 0243, 0063, 0262, 0274, 0398, 0445, 0458, 0514	Canton	0245
Allorgan	0244, 0233, 0321	Carena	0064, 0482
Allstar	0064	Carnivale	0057
Ambassador	0204	Carrefour	0064, 0063
Amplivision	0397, 0244, 0347	Carver	0197
Amstrad	0064, 0036, 0245, 0204, 0389, 0398	Cascade	0064, 0036
Anam	0277, 0036	Cathay	0064
Anam National	0677, 0277	Centurion	0064
Anitech	0064, 0036, 0103, 0309	Century	0114, 0274
Ansonic	0064, 0036, 0397, 0129, 0319, 0455	Cimline	0036, 0245
Arc En Ciel	0223, 0360, 0426	Citizen	0057
Arcam	0243, 0244	City	0036
Aristona	0064, 0583	Clarivox	0064, 0129
Arthur Martin	0264	Clatronic	0064, 0036, 0397, 0245, 0244, 0103, 0129, 0274, 0347, 0398
Asberg	0103, 0129	Condor	0064, 0036, 0397, 0129, 0274, 0309, 0347
Asora	0036	Contec	0036, 0243, 0063
Asuka	0245, 0244	Continental Edison	0136, 0223, 0264, 0314, 0360, 0426, 0514
Atlantic	0233, 0347	Cosmel	0064, 0364
AudioTon	0244, 0455, 0513	Crosley	0103, 0111, 0114, 0274, 0374, 0579
Audiosonic	0064, 0136, 0036, 0397, 0245, 0244, 0364, 0455, 0513	Crown	0064, 0036, 0397, 0235, 0103, 0366, 0386, 0445, 0448, 0513
Autovox	0244, 0103, 0114, 0233, 0264, 0274, 0363	Crystal	0458
BPL	0064, 0309	Curtis Mathes	0120, 0057
BSR	0321, 0579	Cybertron	0245
BTC	0245	Daewoo	0064, 0036, 0245, 0244, 0401
Baird	0244, 0235, 0099, 0100, 0370	Dainichi	0245, 0243
Bang & Olufsen	0114, 0302	Dansai	0064, 0243, 0063, 0062
Barco	0579	Dantax	0513
Basic Line	0064, 0036, 0245, 0244, 0309, 0401, 0482	Dayton	0036
Baur	0064, 0037, 0376, 0388, 0539	Daytron	0401
Bazin	0244	De Graaf	0235, 0575
Beko	0064, 0397, 0455, 0513	Decca	0064, 0244, 0099, 0102
Beon	0064, 0445	Denver	0064
Best	0397, 0364, 0448	Desmet	0064, 0036
Bestar	0064, 0397, 0401	Diamant	0064
Binatone	0244	Dixi	0064, 0036
Blaupunkt	0222, 0218, 0354, 0355	Dual	0064, 0244, 0286, 0363, 0379, 0579
Blue Sky	0064, 0245, 0309, 0482	Dual Tec	0244

Codes

TV

Dumont.....	0097, 0114, 0129, 0374	Goodmans.....	0064, 0036, 0245, 0244,
ECE.....	0064	.....	0063, 0062, 0099, 0262, 0362,
Elbe.....	0244, 0265, 0286, 0319, 0462	.....	0370, 0398, 0401, 0507, 0514
Elin.....	0064, 0036, 0131,	Gorenje.....	0397, 0448
.....	0376, 0388, 0575	Gradiente.....	0080, 0197
Elite.....	0245, 0347	Graetz.....	0190, 0374, 0388
Elman.....	0129	Granada.....	0064, 0253, 0244, 0135,
Elta.....	0036, 0458	.....	0235, 0099, 0102, 0366,
Emco.....	0274	.....	0378, 0383, 0386, 0500
Emerson.....	0064, 0097, 0114, 0204,	Grandin.....	0064, 0190, 0036,
.....	0274, 0309, 0347, 0388, 0398	.....	0309, 0347, 0401, 0482
Emperor.....	0309	Grundig.....	0064, 0583, 0222, 0036,
Envision.....	0057	.....	0097, 0103, 0218, 0264, 0514
Erres.....	0064	HCM.....	0064, 0036, 0245,
Etron.....	0036	.....	0244, 0309, 0445
Euromann.....	0064, 0448	HMV.....	0114
Europa.....	0064	Halifax.....	0244
Europhon.....	0244, 0129	Hampton.....	0243, 0244
Expert.....	0233	Hanimex.....	0321
Exquisit.....	0064	Hanseatic.....	0064, 0583, 0036, 0244,
FNR.....	0129	.....	0309, 0347, 0388, 0455, 0458
Fenner.....	0036, 0401	Hantarex.....	0064
Ferguson.....	0064, 0136, 0100,	Hantor.....	0064
.....	0256, 0265, 0314, 0362, 0370	Harley Davidson.....	0070
Fidelity.....	0190, 0243, 0256,	Harwood.....	0064, 0036
.....	0378, 0388, 0398, 0539	Havermy.....	0120
Filsai.....	0244	Hema.....	0036, 0244
Finlandia.....	0190, 0235, 0099,	Hifivox.....	0223, 0426
.....	0373, 0386, 0575	Hikona.....	0245
Finlux.....	0064, 0244, 0097, 0099, 0114,	Hinari.....	0064, 0036, 0245,
.....	0129, 0131, 0132, 0373, 0374, 0579	.....	0063, 0262, 0514
Firstline.....	0064, 0036, 0243, 0244, 0099,	Hisawa.....	0245, 0309, 0482
.....	0265, 0274, 0321, 0348, 0401, 0579	Hit.....	0114
Fisher.....	0397, 0244, 0063, 0235,	Hitachi.....	0064, 0136, 0190, 0244,
.....	0099, 0114, 0131, 0579, 0582	.....	0063, 0070, 0071, 0099,
Flint.....	0064, 0245, 0099, 0482	.....	0132, 0223, 0252, 0374, 0376,
Formenti.....	0064, 0243, 0114,	.....	0383, 0500, 0519, 0575, 0579
.....	0347, 0374, 0579	Hornophone.....	0064
Fortress.....	0120	Huanyu.....	0243, 0401
Fraba.....	0064, 0397	Hyper.....	0036, 0243, 0244, 0274
Friac.....	0036, 0397, 0129	Hypersonic.....	0388
Frontech.....	0190, 0036,	Hypson.....	0064, 0309, 0482
.....	0244, 0274, 0458	ICE.....	0583, 0245, 0243, 0244, 0398
Fujitsu.....	0244, 0099, 0129, 0233	ICeS.....	0245, 0243
Funai.....	0321	IR.....	0064, 0583, 0136, 0253, 0190,
GBC.....	0036, 0245, 0401, 0579	.....	0222, 0397, 0243, 0244, 0063,
GE.....	0120, 0309	.....	0135, 0120, 0037, 0038, 0062,
GEC.....	0064, 0190, 0244,	.....	0070, 0097, 0099, 0100, 0103,
.....	0070, 0099, 0388	.....	0114, 0128, 0129, 0131, 0132,
GPM.....	0245	.....	0218, 0223, 0233, 0252, 0262,
Galaxi.....	0064, 0129	.....	0264, 0265, 0274, 0279, 0314,
Galaxis.....	0064, 0397	.....	0316, 0317, 0318, 0319, 0321,
Geloso.....	0036, 0374, 0401, 0579	.....	0347, 0350, 0354, 0370, 0376,
General Technic.....	0036	.....	0378, 0383, 0384, 0386, 0388,
Genexxa.....	0190, 0036, 0245	.....	0401, 0539, 0579
Gibraltar.....	0057	ITC.....	0579
GoldStar.....	0064, 0136, 0190,	ITS.....	0243, 0398
.....	0243, 0244, 0057,	ITT.....	0190, 0235, 0366, 0373, 0374,
.....	0274, 0317, 0388, 0458	0376, 0378, 0388, 0500, 0507, 0575
Goldline.....	0364	ITV.....	0064
Gooding.....	0514	Iberia.....	0064

TV

CODELIST

Codes

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Imperial.....	0397, 0103, 0111,0274, 0279, 0445, 0579	Magnadyne.....	0114, 0129,0274, 0374, 0579
Indesit.....	0264	Magnafon.....	0243, 0100, 0103, 0129
Indiana.....	0064	Magnavox.....	0063, 0057
Ingelen.....	0190	Magnum.....	0064
Ingersol.....	0036	Manesth.....	0064, 0244, 0062, .....0262, 0321, 0347
Inno Hit.....	0036, 0244, 0099, 0317	Marantz.....	0064, 0583, 0057
Innova.....	0064	Marelli.....	0114
Interbuy.....	0064	Mark.....	0064
Interfunk.....	0064, 0190, 0114, 0274, .....0302, 0354, 0388, 0539	Matsui.....	0064, 0190, 0222, 0036, .....0244, 0063, 0235, 0038, .....0062, 0099, 0204, 0218, 0262, .....0321, 0362, 0398, 0482, 0514
Internal.....	0064	Matsushita.....	0677, 0277
Intervision.....	0064, 0245, 0244, 0129, .....0274, 0309, 0458, 0482, 0513, 0514	McMichael.....	0070
Irradio.....	0245, 0274, 0317, 0398	Mediator.....	0064
Isukai.....	0064, 0245, 0309, 0482	Medion.....	0064
JVC.....	0245, 0063, 0080, .....0121, 0398, 0445	Memorex.....	0277, 0036
KB Aristocrat.....	0190	Memphis.....	0364
KTV.....	0244, 0057	Metz.....	0064, 0114, 0266, 0302, 0394
Kaisui.....	0064, 0036, 0245, .....0243, 0244, 0309, 0482	Minerva.....	0097, 0264, 0514
Kamp.....	0243	Minoka.....	0386
Kapsch.....	0190, 0131, 0233, 0388	Mitsubishi.....	0064, 0063, 0135, .....0120, 0114, 0256, 0264, 0539
Karcher.....	0129, 0309, 0448	Mivar.....	0243, 0317, 0318, 0319, 0636
Kasui.....	0309	Monaco.....	0036
Kathrein.....	0583	Motion.....	0103
Kawasho.....	0243	Motorola.....	0120
Kendo.....	0064, 0129, 0262, .....0274, 0389, 0455	Multitech.....	0036, 0243, 0244, 0102, .....0103, 0129, 0274, 0513
Kennedy.....	0233, 0462, 0579	Murphy.....	0190, 0243, 0099
Kenwood.....	0057	Myryad.....	0583
Kingsley.....	0243	NAD.....	0388
Kneissel.....	0064, 0265, 0286, .....0319, 0401, 0462	NEC.....	0063, 0057, 0197, 0347, 0482
Kolster.....	0064	NEI.....	0064, 0364, 0398, 0458
Konka.....	0245, 0398	Nakimura.....	0064, 0401
Korpel.....	0064	Nakio.....	0507
Korting.....	0114, 0347, 0448	National.....	0253, 0264
Kosmos.....	0064	Neckermann.....	0064, 0583, 0397, .....0114, 0218, 0274, .....0347, 0354, 0376, 0445
Koyoda.....	0036	Nesco.....	0274
Kraking.....	0265	Netsat.....	0064
Kyoto.....	0190	Network.....	0364
La Sat.....	0513	Neufunk.....	0064, 0583
Lenco.....	0131	New Tech.....	0244, 0370
Leyco.....	0064, 0099, 0321	Nicamagic.....	0243
Liesenk & Tter.....	0064	Nikkai.....	0064, 0036, 0245, 0243, .....0244, 0063, 0062, 0099, 0364
Liesenkotter.....	0064, 0354	Nikko.....	0057
Lifetec.....	0064, 0245, 0401	Noblisko.....	0243, 0097, 0103, 0129
Loewe.....	0064, 0102, 0114, .....0316, 0319, 0539	Nogamatic.....	0223, 0360
Logik.....	0038, 0256	Nokia.....	0190, 0235, 0347, 0366, .....0373, 0374, 0376, 0378, 0386, .....0388, 0401, 0500, 0507, 0575
Luma.....	0233, 0286, 0389	Nordmende.....	0136, 0222, 0223, .....0314, 0370, 0426
Lumatron.....	0244	Novatronic.....	0064, 0132
Luxor.....	0190, 0235, 0264, 0317, .....0376, 0383, 0384, 0388, 0575	Oceanic.....	0190, 0235, 0374, 0388, 0575
M Electronic.....	0064, 0136, 0190, .....0036, 0243, 0244, 0131, .....0132, 0274, 0314, 0373, .....0401, 0507, 0519, 0539	Okano.....	0064, 0036, 0397
MGA.....	0057	Onwa.....	0245, 0129, 0398
MTC.....	0397, 0243, 0057, 0376, 0539		

CODELIST

Codes

TV

Optimus.....	0677, 0277	RadioShack.....	0064, 0057
Optonica.....	0120	Radiola.....	0064, 0244, 0350
Orion.....	0064, 0204, 0262, 0321, 0347, 0348	Radiomarelli.....	0064, 0114, 0274
Online.....	0064, 0245	Radiotone.....	0064, 0036, 0455
Osaki.....	0064, 0245, 0244, 0099, 0401	Rank Arena.....	0063
Osio.....	0064	Realistic.....	0057
Oso.....	0245	Recor.....	0064
Osume.....	0064, 0245, 0063, 0099	Rediffusion.....	0378, 0388, 0575
Otto Versand.....	0064, 0583, 0136, 0253, 0244, 0063, 0120, 0037, 0218, 0262, 0274, 0321, 0347, 0370, 0374, 0376, 0388, 0539, 0579	Redstar.....	0064
Pael.....	0243	Reflex.....	0064
Palladium.....	0397, 0445	Revox.....	0064
Panama.....	0244, 0274	Rex.....	0190, 0233, 0286
Panasonic.....	0064, 0677, 0277, 0153, 0253, 0190, 0264, 0374, 0388, 0394, 0575	Rhapsody.....	0243
Panavision.....	0064	Roadstar.....	0064, 0036, 0245, 0445
Pathe Cinema.....	0190, 0243, 0265, 0347, 0579	Robotron.....	0114
Pathe Marconi.....	0223, 0264, 0360, 0426	Runco.....	0057
Pausa.....	0036	SBR.....	0064, 0070
Penney.....	0057	SEG.....	0064, 0036, 0244, 0063, 0103, 0129, 0389, 0579
Perdio.....	0064, 0190, 0347	SEI.....	0037, 0114, 0129, 0204, 0233, 0321, 0374, 0579
Philco.....	0064, 0397, 0057, 0103, 0111, 0114, 0274, 0445, 0579	SEI-Sinudyne.....	0064
Philex.....	0378	SKY.....	0064
Philips.....	0064, 0583, 0070, 0114, 0256, 0350, 0359, 0370, 0401, 0632	Saba.....	0136, 0190, 0102, 0114, 0223, 0314, 0362, 0370, 0374, 0388, 0426, 0575
Phoenix.....	0243, 0114, 0347, 0513, 0579	Saccs.....	0265
Phonola.....	0064, 0243, 0114	Sagem.....	0482
Pilot.....	0057	Saisho.....	0036, 0244, 0038, 0204, 0262, 0458
Pioneer.....	0064, 0136, 0190, 0314, 0388, 0455, 0513	Salora.....	0190, 0317, 0376, 0383, 0386, 0388, 0575, 0579
Plantron.....	0036	Sambers.....	0103, 0129
Playsonic.....	0244	Sampo.....	0057
Portland.....	0401	Samsung.....	0064, 0583, 0036, 0397, 0243, 0244, 0235, 0057, 0099, 0317
Prandoni Prince.....	0388	Sandra.....	0243, 0244
Precision.....	0244	Sansui.....	0064
Profex.....	0190, 0036, 0103, 0388, 0458	Sanyo.....	0397, 0243, 0244, 0063, 0135, 0235, 0038, 0099, 0131, 0366, 0582
Profi.....	0036	Schaub Lorenz.....	0374, 0388
Profitronic.....	0064, 0129	Schneider.....	0064, 0583, 0245, 0244, 0274, 0286, 0350, 0363, 0379, 0388, 0398
Proline.....	0099, 0348	Scotland.....	0190
Prosonic.....	0064	Seleco.....	0190, 0233, 0286, 0374, 0389
Protech.....	0064, 0036, 0244, 0129, 0274, 0364, 0445, 0458, 0579	Sencora.....	0036
Pye.....	0064, 0583, 0114, 0256	Sentra.....	0245, 0062
Quasar.....	0677, 0277, 0274	Serino.....	0243, 0482
Quelle.....	0064, 0037, 0038, 0097, 0111, 0131, 0279, 0354, 0355, 0388, 0539, 0579	Sharp.....	0063, 0120, 0321
Questa.....	0063	Shintoshi.....	0064
R-Line.....	0064	Shorai.....	0321
RBM.....	0097	Siarem.....	0114, 0129, 0374, 0579
RCA.....	0120	Siemens.....	0064, 0222, 0218, 0354, 0355, 0374
RFT.....	0099, 0114, 0455	Silva.....	0243
RTF.....	0114	Silver.....	0063, 0388
Radialva.....	0064, 0245, 0364, 0458	Singer.....	0114, 0129
		Sinu.....	0129
		Sinudyne.....	0037, 0114, 0129, 0204, 0233, 0262, 0321, 0374, 0579
		Skantic.....	0383, 0384

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Skyworth.....	0064	Tokyo.....	0062
Solavox.....0190, 0099, 0378, 0388, 0575		Tomashi.....	0309
Sonitron.....	0397, 0235, 0366	Toshiba.....	0677, 0136, 0063,
Sonoko.....	0064, 0036, 0309	.....	0062, 0097, 0129
Sonolor.....	0190, 0235, 0388	Towada.....	0579
Sontec.....	0064, 0036, 0397, 0321	Trans Continens.....	0244
Sony.....	0677, 0063, 0037,	Tristar.....	0245
.....	0038, 0129, 0256	Triumph.....	0583, 0204, 0373
Sound & Vision.....	0129, 0401	Tsoschi.....	0309
Soundwave.....	0064, 0347, 0445	Uher.....	0064, 0233, 0347,
Ssangyong.....	0036	.....	0401, 0445, 0513
Standard.....	0064, 0036, 0245,	Ultravox.....	0064, 0243, 0114,
.....	0244, 0347, 0401	.....	0129, 0274, 0378, 0579
Starlite.....	0579	Unic Line.....	0064, 0500
Stenway.....	0245, 0309	United.....	0064
Stern.....	0190, 0233, 0286	Universum.....	0064, 0036, 0397,
Strato.....	0064	.....	0244, 0063, 0037, 0038, 0097,
Stylandia.....	0244	.....	0103, 0131, 0132, 0197, 0204,
Sunkai.....	0321, 0348, 0482	.....	0274, 0279, 0317, 0321, 0354,
Sunstar.....	0064, 0036, 0398	.....	0364, 0373, 0388, 0389, 0445,
Sunwood.....	0064	.....	0448, 0507, 0519, 0539, 0579
SuperTech.....	0064, 0036, 0243	Univox.....	0064, 0190, 0114, 0265, 0364
Supra.....	0036	Vector Research.....	0057
Susumu.....	0245	Vestel.....	0064, 0244, 0579
Sylvania.....	0057	Victor.....	0677, 0277, 0063, 0080
Sysline.....	0064	Videologic.....	0245, 0243
Sytong.....	0243	Videosat.....	0274
TMK.....	0204	Videotechnic.....	0244, 0347
TVTEXT.....	95 0583	Videoton.....	0383, 0458
Tandberg.....	0316, 0394	Vidtech.....	0063
Tandy.....	0190, 0245, 0244, 0120, 0099	Vision.....	0244, 0347
Tashiko.....	0190, 0243, 0244,	Vistar.....	0233
.....	0063, 0070, 0386	Voxson.....	0190, 0114, 0445
Tatung.....	0064, 0244, 0038, 0099	Waltham.....	0064, 0136, 0244,
Teac.....	0064, 0036, 0309, 0445, 0482	.....	0383, 0445, 0458
Tec.....	0036, 0244, 0274,	Wards.....	0057
.....	0286, 0364, 0579	Watson.....	0064, 0036, 0245, 0347
Technema.....	0347	Watt Radio.....	0243, 0129, 0579
Technics.....	0677, 0277	Wega.....	0064, 0063, 0114
Teleavia.....	0223, 0360, 0370, 0426	Wegavox.....	0036
Telefunken.....	0064, 0136, 0100, 0111,	Weltblick.....	0347
.....	0128, 0223, 0279, 0362, 0370, 0513	White Westinghouse.....	0064, 0243,
Telegazi.....	0064	.....	0347, 0364
Telemeister.....	0064, 0347	Windstar.....	0309
Telesonic.....	0064	Xrypton.....	0064
Telestar.....	0064	Yamaha.....	0057
Teletech.....	0064, 0036, 0364	Yamishi.....	0244, 0309, 0482
Teleton.....	0244, 0063, 0233, 0286, 0376	Yapshe.....	0277
Televideon.....	0243, 0347, 0579	Yokan.....	0064
Temco.....	0321	Yoko.....	0064, 0036, 0245,
Tennessee.....	0064	.....	0244, 0366, 0448, 0458
Tensai.....	0064, 0036, 0245, 0244, 0131,	Zanussi.....	0244, 0233
.....	0132, 0274, 0321, 0347, 0398, 0401	Zenor.....	0366
Tenson.....	0347		
Texet.....	0036, 0245, 0243, 0401		
Thomson.....	0064, 0136, 0223,		
.....	0264, 0314, 0360, 0362,		
.....	0370, 0376, 0426, 0652		
Thorn.....	0064, 0062, 0099, 0100,		
.....	0111, 0131, 0256, 0265, 0362,		
.....	0370, 0386, 0388, 0401, 0539		
Tokai.....	0064, 0190, 0036, 0364		

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SETUP CODES FOR VCR

ASA.....	0108, 0064	Cyrus.....	0108
AVP.....	0379	Daewoo.....	0072, 0305, 0047, 0073
Adelsound.....	0031	Dansai.....	0305, 0099
Admiral.....	0075, 0236	Daytron.....	0047
Adventura.....	0027	De Graaf.....	0108, 0075, 0069, 0131, 0073, 0193
Adyson.....	0099	Decca.....	0108, 0094, 0027, 0035, 0236
Aiko.....	0305	Denon.....	0069
Aiwa.....	0064, 0027, 0379, 0334, 0236	Diamant.....	0064
Akai.....	0342, 0133, 0047, 0068, 0080	Domland.....	0236
Akiba.....	0099	Dual.....	0108, 0305, 0068
Akura.....	0099	Dumont.....	0108, 0027, 0131
Alba.....	0342, 0027, 0305, 0099, 0379, 0047, 0236	Dynatech.....	0027
Allstar.....	0108, 0349	ESC.....	0305, 0267, 0047
Ambassador.....	0047	Elbe.....	0305
America Action.....	0305	Elcatech.....	0099
Amstrad.....	0027, 0305, 0099	Electrohome.....	0064
Anam.....	0064, 0253, 0305, 0267, 0189	Electroponic.....	0064
Anam National.....	0253, 0189	Elin.....	0267
Anitech.....	0099, 0349	Elsay.....	0099
Ansonic.....	0031	Elta.....	0305, 0099
Aristona.....	0108	Emerex.....	0059
Asha.....	0267	Emerson.....	0072, 0064, 0027, 0070, 0305, 0099, 0063, 0115, 0236
Asuka.....	0064	Europhon.....	0047
AudioTon.....	0047	Ferguson.....	0027, 0347, 0068, 0080, 0348
Audiosonic.....	0305	Fidelity.....	0027, 0099
Audiovox.....	0064	Finlandia.....	0108, 0075, 0027, 0069, 0131, 0193
Baird.....	0027, 0131, 0068	Finlux.....	0108, 0027, 0069, 0131
Basic Line.....	0305, 0099, 0047	Firstline.....	0072, 0064, 0070, 0099, 0115, 0236
Beaumarck.....	0267	Fisher.....	0131, 0047, 0073
Bell & Howell.....	0131	Flint.....	0236
Bestar.....	0305	Frontech.....	0047, 0349
Blaupunkt.....	0108, 0222, 0253, 0189, 0061, 0254, 0430	Fujitsu.....	0027
Blue Sky.....	0305	Funai.....	0027
Bondstec.....	0099, 0047	GE.....	0075, 0267
Brandt.....	0347, 0068, 0233, 0348	GEC.....	0108
Brandt Electronic.....	0068	Galaxis.....	0305
Broksonic.....	0236	Garrard.....	0027
Bush.....	0342, 0305, 0099, 0379, 0236	General.....	0047
CCE.....	0305, 0099	Genexxa.....	0131
CGE.....	0027	Go Video.....	0459
Calix.....	0064	GoldHand.....	0099
Capehart.....	0047	GoldStar.....	0064
Carena.....	0236	Goodmans.....	0108, 0064, 0027, 0305, 0099, 0047, 0430
Carrefour.....	0072	Gradiente.....	0027, 0035
Carver.....	0108	Graetz.....	0267, 0131, 0068
Cathay.....	0305	Granada.....	0108, 0075, 0064, 0253, 0027, 0267, 0069, 0131, 0073
Catron.....	0047	Grandin.....	0064, 0027, 0305, 0099
Cimline.....	0099	Grundig.....	0108, 0222, 0253, 0347, 0099, 0034, 0374, 0376, 0430
Cineral.....	0305	HCM.....	0099, 0349
Citizen.....	0064, 0305	Hanimex.....	0379
Clatronic.....	0047	Hanseatic.....	0064, 0236
Colt.....	0099	Hantor.....	0047
Combitech.....	0379	Harley Davidson.....	0027
Condor.....	0305, 0047	Harman/Kardon.....	0108
Craig.....	0064, 0267, 0099		
Crown.....	0305, 0099, 0047, 0349		
Curtis Mathes.....	0189, 0068		
Cybernex.....	0267		

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Harwood.....	0099	Minolta.....	0069
Headquarter.....	0073	Mitsubishi.....	0108, 0075, 0094, 0070
Hinari.....	0305, 0267, 0099, 0379, 0031, 0068, 0115, 0349	Motorola.....	0075
Hisawa.....	0379	Multitech.....	0027, 0099, 0047
Hischito.....	0072	Murphy.....	0027
Hitachi.....	0108, 0027, 0267, 0069, 0031, 0068, 0193	Myryad.....	0108
Hornophone.....	0108	NAD.....	0131
Hughes Network Systems.....	0069	NEC.....	0094, 0131, 0068
Hypson.....	0305, 0099, 0236	National.....	0253
IR.....	0108, 0072, 0133, 0253, 0267, 0069, 0131, 0099, 0031, 0047, 0068, 0080, 0236, 0349	Neckermann.....	0108
ITT.....	0133, 0267, 0131, 0068, 0073, 0411	Nesco.....	0099
ITV.....	0064, 0305, 0047	Nikkai.....	0305, 0099, 0047
Imperial.....	0027	Nikko.....	0064
Ingersol.....	0267, 0031, 0236	Nikon.....	0061
Inno Hit.....	0267, 0099	Noblex.....	0267
Interfunk.....	0108, 0131	Nokia.....	0075, 0133, 0305, 0267, 0131, 0068, 0073
Intervision.....	0064, 0027, 0305, 0236	Nordmende.....	0347, 0068, 0348, 0411
Irradio.....	0108, 0099	Oceanic.....	0108, 0075, 0133, 0027, 0131, 0068, 0073
JVC.....	0094, 0035, 0068, 0233, 0411	Okano.....	0342, 0099
Jensen.....	0068	Olympus.....	0253
KEC.....	0064, 0305	Optimus.....	0075, 0064, 0131, 0189, 0459
KLH.....	0099	Orion.....	0379, 0031, 0063, 0115, 0236
Kaisui.....	0099	Osaki.....	0064, 0027, 0099
Kendo.....	0342, 0133, 0099, 0236	Otake.....	0236
Kenwood.....	0094, 0068, 0073, 0411	Otto Versand.....	0108
Kneissel.....	0379	Palladium.....	0064, 0267, 0099, 0031, 0068, 0236
Kodak.....	0064	Panasonic.....	0253, 0189, 0254
Korpel.....	0099	Pathe Cinema.....	0070, 0031, 0063
Kyoto.....	0099	Pathe Marconi.....	0068
LXI.....	0064	Penney.....	0064, 0267, 0069
Lenco.....	0305	Pentax.....	0069
Leyco.....	0099	Perdio.....	0027, 0236
Lloyd's.....	0027	Philco.....	0099, 0236
Loewe.....	0108, 0064, 0189, 0031	Philips.....	0108, 0411, 0430
Logik.....	0133, 0267, 0099, 0031, 0236	Phonola.....	0108
Luxor.....	0075, 0133, 0070, 0131, 0099, 0073	Pilot.....	0064
M Electronic.....	0064, 0027	Pioneer.....	0108, 0094, 0069
MGA.....	0070, 0267	Polk Audio.....	0108
MGN Technology.....	0267	Portland.....	0305, 0047
MTC.....	0027, 0267	Prinz.....	0115
Magnasonic.....	0305	Pro Vision.....	0305
Magnavox.....	0108, 0027	Profex.....	0349
Magnin.....	0267	Profitronic.....	0108, 0267
Manesth.....	0108, 0072, 0099, 0236	Proline.....	0027
Marantz.....	0108, 0236	Prosonic.....	0305
Marquant.....	0349	Protec.....	0099
Marta.....	0064	Pye.....	0108
Matsui.....	0027, 0267, 0379, 0031, 0063, 0115, 0236	Quarter.....	0073
Matsushita.....	0189, 0254	Quartz.....	0073
Memorex.....	0075, 0064, 0027, 0267, 0131, 0189, 0334, 0073, 0236	Quasar.....	0305, 0189
Memphis.....	0099	Quelle.....	0108
Metz.....	0108, 0222, 0064, 0189, 0254, 0374	RCA.....	0075, 0133, 0267, 0069
Minerva.....	0222	RFT.....	0099, 0430
		Radialva.....	0075, 0064
		RadioShack.....	0027
		Radiola.....	0108
		Radix.....	0064
		Randex.....	0064

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Realistic.....	0075, 0064, 0027, 0131, 0073	Tech Line.....	0099
Rex.....0068, 0411	Technics.....	0253, 0189
Ricoh.....	.....0061	Teknika.....	0064, 0027
Roadstar.....	0064, 0305, 0267, 0099	Teleavia.....	0068
Royal.....	.....0349	Telefunken.....	0347, 0068, 0348, 0411
SBR.....	.....0108	Teletex.....	0099
SEG.....	0305, 0267, 0099, 0349	Tenosal.....	0099
SEI.....	.....0108, 0031	Tensai.....	0027, 0099, 0031, 0349
STS.....	.....0069	Thom.....	0348
Saba.....	0347, 0068, 0233, 0348, 0411	Thomas.....	0027
Saisho.....	0031, 0063, 0115, 0236	Thomson.....	0094, 0305, 0347, 0068, 0348, 0411
Salora.....	0133, 0070, 0131, 0073	Thorn.....	0064, 0131, 0063, 0068
Samsung.....	0072, 0267, 0080, 0459	Tokai.....	0099
Sanky.....	.....0075	Toshiba.....	0108, 0072, 0070, 0068, 0411
Sansui.....	0094, 0133, 0027, 0068, 0236	Totevision.....	0064, 0267
Sanwa.....	.....0031	Towada.....	0349
Sanyo.....	0075, 0267, 0131, 0073	Uher.....	0267
Saville.....	0305, 0267, 0379	Ultravox.....	0305
Schaub Lorenz.....	0133, 0027, 0131, 0068	Unitech.....	0267
Schneider.....	0108, 0064, 0027, 0305, 0267, 0069, 0099	Universum.....	0108, 0222, 0064, 0133, 0027, 0267, 0349
Scott.....	.....0072, 0070	Vector.....	0072
Sears.....	0064, 0027, 0069, 0131, 0073	Victor.....	0094, 0035, 0068, 0411
Seleco.....	0064, 0047, 0068, 0411	Video Concepts.....	0072
Semp.....	.....0072	Videomagic.....	0064
Sentra.....	0099, 0047	Videosonic.....	0267
Sharp.....	.....0075	Villain.....	0027
Shintom.....	0131, 0099	Wards.....	0108, 0075, 0027, 0267, 0069, 0099
Shivaki.....	.....0064	Watson.....	0108
Shogun.....	.....0267	White Westinghouse.....	0305, 0099, 0236
Shorai.....	0031, 0115	XR-1000.....	0027, 0099
Siemens.....	0108, 0222, 0064, 0131, 0034, 0374	Yamaha.....	0068
Siera.....	.....0108	Yamishi.....	0305, 0099
Silva.....	.....0064	Yokan.....	0099
Singer.....	.....0072, 0099	Yoko.....	0267, 0047
Sinudyne.....	0108, 0031, 0236	Zenith.....	0027, 0061, 0236
Solavox.....	.....0047		
Sonneclair.....	.....0099		
Sonolor.....	.....0073		
Sontec.....	.....0064, 0305		
Sony.....	0059, 0133, 0027, 0038, 0061		
Soundwave.....	.....0064, 0236		
Ssangyong.....	.....0099		
Stern.....	.....0305		
Sunkai.....	.....0236		
Sunstar.....	.....0027		
Suntronic.....	.....0027		
Sunwood.....	.....0099		
Supra.....	.....0064		
Sylvania.....	0108, 0027, 0070		
Symphonic.....	.....0027		
TMK.....	.....0267, 0063		
Taisho.....	0031, 0115, 0236		
Tandberg.....	.....0305		
Tandy.....	.....0027, 0131		
Tashiko.....	0108, 0075, 0064, 0027, 0267		
Tatung.....	0108, 0075, 0027, 0070, 0068, 0080, 0236		
Teac.....	0027, 0305, 0334, 0068, 0430		
Tec.....0305, 0099, 0047		

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SETUP CODES FOR SAT

ABsat.....	0695	DST.....	0448
AGS.....	0695, 0737	Daeryung.....	0423
ASLF.....	0740	Daewoo.....	0740
Aegir.....	0547	Discovery.....	0695, 0737
Akai.....	0227, 0542	Distratel.....	0912
Akena.....	0695	Ditristrad.....	0619
Alba.....	0482, 0740, 0389, 0448, 0542	Dune.....	0396
Aldes.....	0315, 0389, 0547	EP Sat.....	0482
Allsat.....	0227	Echostar.....	0880, 0898,
Allsonic.....	0315, 0396	.....	0695, 0740, 0423
Alltech.....	0740	Einhell.....	0740, 0270, 0279,
Alpha.....	0695	.....	0315, 0448, 0528, 0540
Amitronica.....	0740	Elta.....	0227, 0396, 0448
Ampere.....	0423	Emanon.....	0448
Amstrad.....	0874, 0740, 0159, 0270,	Emme Esse.....	0898, 0396
.....	0279, 0372, 0423, 0488, 0528, 0822	Engel.....	0740
Anglo.....	0740	Eurocrypt.....	0482, 0135
Ankaro.....	0740, 0315, 0396	Eurodec.....	0551
Anttron.....	0448	Europa.....	0528
Apollo.....	0448	Eurosat.....	0270
Armstrong.....	0270	Eurosky.....	0270, 0396
Asat.....	0227	Eurostar.....	0566
Astacom.....	0695	Exator.....	0448, 0542
Astra.....	0135, 0270, 0540, 0566	FTE.....	0740, 0358, 0396
Astro.....	0200, 0385, 0396,	Fenner.....	0695
.....	0528, 0547, 0685	Ferguson.....	0482, 0363
Athens.....	0695	Fidelity.....	0279, 0488, 0528
Aura.....	0566	Finlandia.....	0482, 0135
Avalon.....	0423	Finlux.....	0482, 0135, 0600
Axiel.....	0695	FinnSat.....	0551
Axis.....	0396	Foxtel.....	0906
BT.....	0695, 0737, 0542	Fracarro.....	0898, 0695, 0448
Best.....	0396	Freecom.....	0448, 0528
Bestar.....	0270	Fresat.....	0912
Blaupunkt.....	0200	Fuba.....	0200, 0135, 0396,
Boca.....	0740, 0159, 0270, 0540	.....	0421, 0423, 0448, 0600
British Sky Broadcasting.....	0874	Galaxis.....	0310, 0315, 0396, 0619, 1138
Broco.....	0740	Gardiner.....	0845
Bubu Sat.....	0740	Gold Box.....	0880, 0319
Bush.....	0389	Gooding.....	0598
CNT.....	0547	Goodmans.....	0482
Cambridge.....	0542	Gradiente.....	0914
Canal Digital.....	0880	Granada.....	0482, 0135
Canal Satellite.....	0880	Grandin.....	0872
Canal+.....	0880	Grundig.....	0874, 0200, 0906, 0166,
Channel Master.....	0389	.....	0372, 0598, 0777, 0832
CityCom.....	0421, 0845	Hantor.....	0448
Colombia.....	0695	Hanuri.....	0547
Columbia.....	0159	Hinari.....	0389, 0448
Columbus.....	0695	Hirschmann.....	0200, 0423, 0528, 0600
CommLink.....	0315	Hitachi.....	0482
Condor.....	0396	Houston.....	0695, 0488, 0619
Connexions.....	0423	Humax.....	0310, 1075
Conrad.....	0396	Huth.....	0270, 0315
Contec.....	0421	IR.....	0482, 0200, 0135, 0279,
Cosat.....	0619	.....	0289, 0358, 0385, 0488
Crown.....	0270	ISkyB.....	0914
Cyrus.....	0227	ITT.....	0135
DDC.....	0389	InVideo.....	0898
DNT.....	0227, 0423	Indovision.....	0914
		Innova.....	0126
		Intertronic.....	0270

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Intervision	0619, 0655	Pace	0874, 0482, 0227, 0914,
JOK	0737	0524, 0268, 0363, 0818, 0822
JVC	0542, 0598	Palcom	0389
K-SAT	0740	Palladium	0270, 0448, 0528, 0598
Kathrein	0227, 0200, 0740,	Palsat	0528
.....	0358, 0385, 0421, 0469,	Panasat	0906
.....	0531, 0649, 0685, 1084	Panasonic	0874, 0482
Kolon	0448	Panda	0482, 0135
Kosmos	0358, 0469	Patriot	0695, 0542
Kreiselmeyer	0200	Philips	0482, 0880, 0160, 0227,
Kyostar	0448	.....	0200, 0737, 0126, 0161, 0319,
LG	0488	.....	0598, 0777, 0832, 0925, 1145
La Sat	0270, 0396, 0540, 0547	Phonotrend	0315, 0619
Lenco	0740, 0448	Pioneer	0880, 0319
Lennox	0619	Planet	0423
Lenson	0528	Plasmatic	0469
Leyco	0542	Polytron	0421, 0423
Lifesat	0740, 0396	Predki	0448
Loewe	0270	Premier	0319, 0619
Lupus	0396	Prima	0822
Luxor	0135, 0372, 0600	ProVision	0547
M&B	0566	Profile	0737
Macab	0551, 0878	Promax	0482
Manata	0737	Prosat	0315, 0389, 0655
Manhattan	0482, 0547, 0619	Provisat	0547
Marantz	0227	Pye	0598
Mascom	0547	Quadral	0695, 0315, 0389, 0396, 0655
Maspro	0200, 0740, 0363, 0598, 0777	Quelle	0279
Master's	0421	RFT	0227, 0315
Matsui	0200, 0737, 0389, 0598	Radiola	0227
MediaSat	0880, 0319, 0528	Radix	0423
Mediabox	0319	Redstar	0396
Mediamarkt	0270	Roadstar	0740
Medion	0740, 0396	Roch	0872
Mega	0227	Rover	0740, 0655
Metronic	0270, 0315, 0448, 0547	SAT	0389, 0488, 0528
Metz	0200	SEG	0396, 0448, 0566
Micro	0740	SKR	0740
Micro Elektronik	0740	SKY	0914, 0883, 0126
Micro Technology	0566	SM Electronic	0740
Microtec	0740	SR	0540
Minerva	0598	Saba	0737, 0363, 0547, 0912
Mitsubishi	0482	Sabre	0482
Mitsumi	0540	Sagem	0847, 0551
Morgan's	0227, 0740,	Salora	0135
.....	0159, 0270, 0540	Sat Team	0740
Multichoice	0906	SatPartner	0448, 0528, 0547
Multistar	0358	Satec	0740
Myryad	0227	Satelco	0396
Mysat	0740	Satline	0655
Netsat	0914, 0126	Schneider	0695, 0832
Neuhaus	0740, 0528, 0619	Schwaiger	0421, 0531, 0579, 1138
Neusat	0740	Sedeae Electronique	0448
Nikko	0227, 0740, 0270	Seemann	0270, 0423, 0542
Nokia	0482, 0900, 0135, 0600, 1050	Seleco	0898, 0619
Nordmende	0482, 0389, 0448, 0547	Siemens	0200
OSAT	0372	Skantin	0740
Octagon	0448	Skymaster	0740, 0315, 0655
Okano	0695, 0270, 0358	Skymax	0227, 0566
Optex	0421	Smart	0159
Orbitech	0448, 0528	Sony	0874, 0319
Oxford	0695, 0542	Star	0914

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Star Trak.....	0448
Starion.....	0566
Strong.....	0906, 0159, 0396, 0448, 0547
Sumida.....	0270
Sunny Sound.....	0396
Sunsat.....	0740
Sunstar.....	0270, 0396, 0540
Supernova.....	0914
TPS.....	0847
Tandberg.....	0551
Tantec.....	0482, 0363
Tatung.....	0482
TechniSat.....	0289, 0528
Techniland.....	0619
Teco.....	0270
Telefunken.....	0448
Teleka.....	0270, 0423, 0528, 0777
Telemaster.....	0547
Telestar.....	0528
Televés.....	0482, 0528
Televisa.....	0914
Telewire.....	0619
Thomson.....	0482, 0880, 0740, 0319
Thorn.....	0482
Tioko.....	0421
Tonna.....	0482, 0695, 0528, 0619
Toshiba.....	0482
Trendline.....	0540
Trendplain.....	0540
Triasat.....	0528
Unisat.....	0227, 0270
Universum.....	0200, 0598
VTech.....	0845
Variosat.....	0200
Ventana.....	0227
Vortec.....	0448
Wela.....	0740
Wewa.....	0482
Wintergarten.....	0315
Wisi.....	0482, 0200, 0423
Woorisat.....	0547
World Sat.....	0737
XSat.....	0695
Xcom Multimedia.....	0695
Xrypton.....	0396
Zehnder.....	0358, 0396, 0531, 0547, 0579, 0845
Zenith.....	0883
Zeta Technology.....	0227
Zwergnase.....	0270

SETUP CODES FOR CABLE

ABC.....	0030
Birmingham Cable Communications.....	0303
British Telecom.....	0030
Filmnet.....	0470
France Telecom.....	0844, 0478
General Instrument.....	0303, 0030
HyperVision.....	0646
Jerrold.....	0303, 0030
MNet.....	0470
Macab.....	0844
Motorola.....	0303
Nokia.....	0708
Noos.....	0844
PVP Stereo Visual Matrix.....	0030
Philips.....	0844, 0478, 0646, 1175
Sagem.....	0844
Scientific Atlanta.....	0304
Starcom.....	0030
Supercable.....	0303
Tele+1.....	0470
Torx.....	0030
United Cable.....	0030
Visiopass.....	0478

SETUP CODES FOR DVD

Akai.....	0638
Blue Parade.....	0598
DVD2000.....	0548
Denon.....	0517
DiViDo.....	0732
Emerson.....	0618
Enterprise.....	0618
GPX.....	0726
Gradiente.....	0678
Grundig.....	0566, 0732
Hitachi.....	0600
JVC.....	0585, 0650
Kenwood.....	0517, 0561
Koss.....	0678
LG.....	0618
Magnavox.....	0530
Marantz.....	0566
Mitsubishi.....	0548
Onkyo.....	0530
Oritron.....	0678
Panasonic.....	0517
Philips.....	0530, 0566
Pioneer.....	0552, 0598
Polk Audio.....	0566
RCA.....	0598
Samsung.....	0600
Shinsonic.....	0560
Sony.....	0560
Teac.....	0598
Technics.....	0517
Theta Digital.....	0598
Thomson.....	0578
Toshiba.....	0530
Universum.....	0618
Urban Concepts.....	0530
Wesder.....	0726
Yamaha.....	0517, 0566, 0572
Zenith.....	0530, 0618

**Guarantee
certificate
Certificat de
garantie
Garantiebewijs
Záruční list**

**Garantieschein
Certificado de
garantía
Certificato di
garanzia
Karta
gwarancyjna**

**Certificado de
garantia
Garantibevís
Takuutodistus
Εγγύηση
Гарантия**

1	year	warranty	anno	garanzia
	année	garantie	ano	garantia
	jaar	garantie	år	garanti
	Jahr	Garantie	vuosi	takuu
	año	garantía	χρόνος	εγγύηση
	rok	gwarancyjna	год	гарантия

Type: _____

Serial nr.: _____

Date of purchase - Date d'achat - Koopdatum - Kaufdatum -
Fecha de compra - Data di acquisto - Data da compra - Inköpsdat -
Køpedatum - Kjøpedato - Ostopäivä - Ημερομηνία αγοράς -
Datum nákupu - Data zakupu - Дата приобретения

_____ 20 _____

Dealer's name, address and signature

Nom, adresse et signature du revendeur

Naam, adres en handtekening v.d. verkoper

Name, Anschrift und Unterschrift des Händlers

Nombre, dirección y firma del distribuidor

Nome, indirizzo e firma del fornitore

Nome, endereço e assinatura da loja

Återförsäljarens namn, adress och namnteckning

Forhandlerens navn, adresse og underskrift

Myyjän nimi, osoite ja allekirjoitus

Jméno prodejce, adresa a podpis

Nazwa, adres punktu sprzedaży i podpis sprzedawcy

Jméno prodejce, adresa a podpis

Ονοματεπώνυμο, διεύθυνση και υπογραφή του εμπ. προμηθευτή



PHILIPS